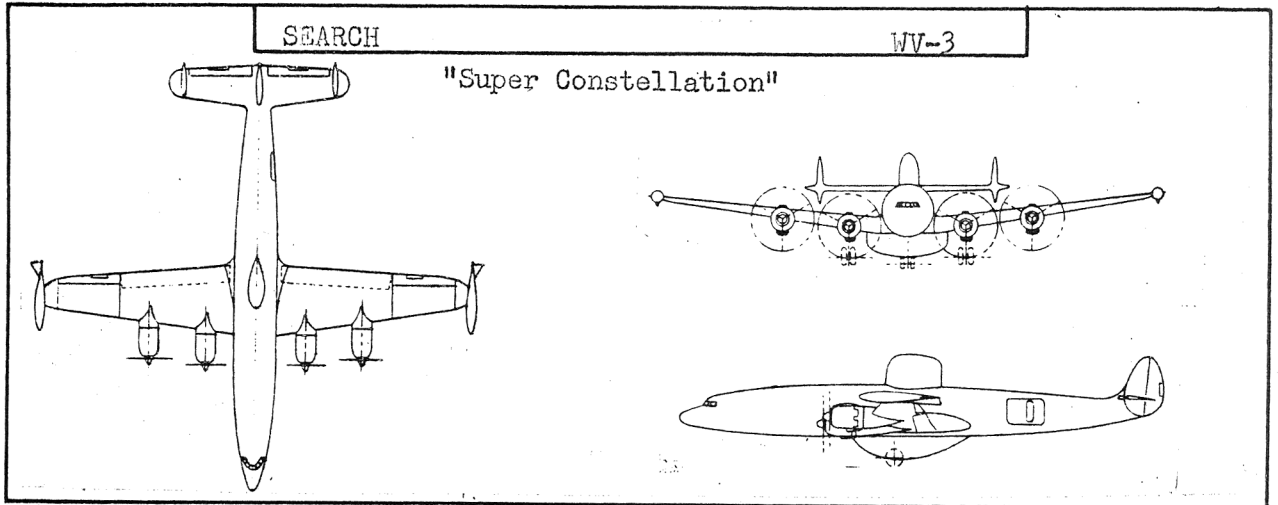


# CHARACTERISTICS SUMMARY



WING AREA 1,650 Sq. Ft.  
WING SPAN 126' - 2"

LENGTH 116' - 2"  
HEIGHT 27' - 0"

AVAILABILITY			PROCUREMENT			
NUMBER AVAILABLE			NUMBER DELIVERED			
			IN FISCAL YEARS			
ACTIVE	RESERVE	TOTAL				

STATUS
First Flight.....15 July 1955 Service Use.....September 1955

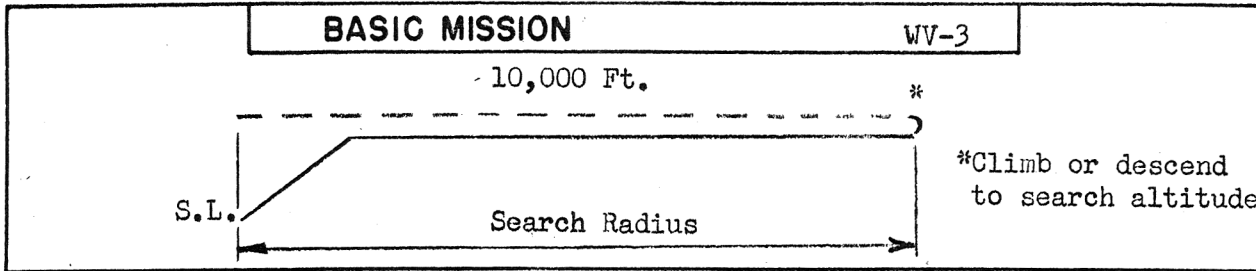
ENGINES			
Wright (2) R-3350-34			
	<u>BHP.</u>	<u>RPM.</u>	<u>ALT.</u>
T.O.	3,250	2,900	S. L. to 5,000'
	2,550	2,600	16,700
NORM.	2,600	2,600	S. L.
	2,650	2,600	6500'
	2,450	2,600	17900'
SPEC. NO. N-972A			

FEATURES
CREW .....11
Fowler flaps
Boosters Control Surf.
Rubber deicer boots
pressurized fuselage

ELECTRONICS
Normal compliment of electronics plus provisions for CIC equipment --
<u>WEATHER EQUIPMENT</u>
Voxtor thermometer
Psychrometer ML-313/AM
Barometer
Flight Recorder (Cont'd)

NAVAER 1519 A (REV. 1-49)

## CHARACTERISTICS SUMMARY



PERFORMANCE		
<b>COMBAT RADIUS</b>	<b>COMBAT RANGE</b>	<b>SPEED</b>
*1,890 naut. mi. 212 knots avg. <u>*Zero search time</u> Time on station at 1,000 n.mi. radius: S.L. 10.3 hr 10,000 ft. 9.4 hr 20,000 ft. 7.3 hr	3,790 naut. mi. 212 knots avg. hours	242 knots at S.L. ft. 265 knots at 9,000 ft. 272 knots at 19,100 ft.
<b>CLIMB</b>	<b>CEILING</b>	<b>TAKE OFF</b>
810 ft./min. Sea Level, T. O. wt. Normal Power	19,200 ft. 100 ft./min., T. O. wt. Normal Power	5,600 ft. - Calm
1,170 ft./min. Sea Level, Combat wt. Normal Power	18,300 ft. 500 ft./min., Combat wt. Normal Power	7,300 ft. - Calm Over 50 ft. obstacle
<b>LOAD</b>	<b>WEIGHTS</b>	<b>STALLING SPEED</b>
Fuel 8,750 gal. fixed 8,750 drop	Empty 81,961 lbs. Combat 123,700 lbs. Take-off 144,900 lbs.	87.7 knots Flaps down, T. O. wt.
		<b>TIME TO CLIMB</b>
		10,000 ft. in 14.4 min. Take-off Wt., Norm. Power

NOTES
<p>PERFORMANCE BASIS: Flight test of WV-2.                      RANGE AND RADIUS are based on WV-2 flight test fuel consumption data increased by 5%.</p> <p><u>Weather Equipment (Cont'd)</u>                      Icing rate meter and radiosonde</p>

NAVAER-1519B (Rev. 10-51)